

An image processing method and an image processing apparatus for generating a binary image by binarizing the pixels of multivalued tones are disclosed. An intended pixel, at least a pixel adjacent to the intended pixel and the density difference between the intended pixel and the adjacent pixel are determined. In the case where the density difference is larger than a predetermined setting, the intended pixel is determined as an edge portion. The binarization threshold for the intended pixel constituting an edge portion is set lower, the larger the edge intensity with the adjacent pixel. Thus, the edge reproducibility of the binary image after error spreading is improved.